

River Refugium Project (RRP)

CERNUNNOS FOUNDATION

BRIGHT MEADOW GROUP

Systems Analysis and Solutions Consulting

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Appendix C: Initial Five Recommended Sites

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| **RIVER REFUGIUM PROJECT** Cernunnos Foundation Bright Meadow
Group | **Appendix C** Version: 2.0 Version 2.0
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| **Abstract** Appendix C identifies the first five ideal deployment sites for the River Refugium Project, scored using the Appendix A Site Selection Matrix. These sites represent the highest-impact, highest-return, lowest-risk initial opportunities in the United States. All scores are transparent and based on the 0 Helena-West Helena / Lula, Arkansas-Mississippi Corridor Helena-West Helena / Lula is the perfect first node: guaranteed nutrient load, cheap land, cheap labor, easy permitting, and major visibility as a proof-of-concept for the entire Mississippi Basin. It receives nutrient mass from the Upper Mississippi, Ohio, Missouri, Arkansas, and Yazoo basins Cairo, Illinois sits at the exact confluence of the Ohio and Mississippi Rivers, capturing nutrient loads from two of the largest river systems in North America simultaneously. Second highest scoring site, ideal as the second or third deployment.

Note on scores: the Appendix A matrix was applied using best available public data on nutrient loads, land values, labor markets, and regulatory environments. Scores represent relative deployment readiness, not absolute performance guarantees. Site-specific surveys are required before capital commitment.

Notes

*Citations follow Chicago Notes-Bibliography style. Internal Bright Meadow Group / Cernunnos Foundation documents are cited by document title and year. Figures marked Site Selection Matrix, **Version 2.0. CF/BMG, 01 April 2026.***